

Work Order ID **94207*****94207***

Page 1

November-30-12 10:11:04 AM

Item ID: **D350-607-543**

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Heli-Utility-Basket

Start Date: 11/30/12 Start Qty: 1.00

1

Cust Item ID:

Required Date: 12/14/12 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan: *W*

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

Draw Nbr

Revision Nbr

D350-607-3

A

100

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPPD350-607-543 CHG004

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

Install placard and label as per dwg
***Mask label plate to size of label, use scotchbrite red pad to lightly sand area
for label, apply label ***

115

QC5- Inspect part completeness to step on W/O

0.00

115

QC

Memo

0.00

Quality Control

inspect label

Label only

DAS
15
12-18

12-18

1 *12/12/11 JB*

1

*12/12/11 JB*DAS
15
12-18

12-18

1

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

| | | | | | | | | | | | |
|--|-------------|-------------|------------|---|--------------------------|---|------------------------|---------------------|---------------------|--|--|
| Work Order: _____ Part No. _____ NCR No. _____ | | | | DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/> | | AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div> | | | | | |
| Root Cause | Date | Step | Qty | Description of work order update or Non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector | | |
| Doc/Data <input type="checkbox"/> | | | | | | | | | | | |
| Equip/Tooling <input type="checkbox"/> | | | | | | | | | | | |
| Operator <input type="checkbox"/> | | | | | | | | | | | |
| Material <input type="checkbox"/> | | | | | | | | | | | |
| Setup <input type="checkbox"/> | | | | | | | | | | | |
| Other <input type="checkbox"/> | | | | | | | | | | | |
| Process <input type="checkbox"/> | | | | | | | | | | | |
| Supplier <input type="checkbox"/> | | | | | | | | | | | |
| Training <input type="checkbox"/> | | | | | | | | | | | |
| Unapproved <input type="checkbox"/> | | | | | | | | | | | |

| FAULT CATEGORY | | | |
|---|---|---|---|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio | <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions | <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other |

Work Order ID 94207

94207

Page 2

November-30-12 10:11:04 AM

Item ID: D350-607-543

Accept

N900040100

Setup Start *NS1*

Revision ID:

Item Name: Heli-Utility-Basket

Stop *NS2*

Start Date: 11/30/12 Start Qty: 1.00 *1*

Cust Item ID:

Required Date: 12/14/12 Req'd Qty: 1.00 *1*

Customer:

Reference:

Approvals: Process Plan: Date: Tooling: Date:
QC: Date: SPC (Y/N): Date:

Run Start *NR1*
Stop *NR2*

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--|---|------------------------|---------|--------|--------------|---------------|---------------|------------------|-------------------|
| 120 *120* QC Quality Control | QC4- 100% Inspect kits for completeness Memo | 0.00 0.00 157218 | | | | 1 | | 12/12/18 | DAS 20 9-89 |
| 130 *130* Packaging Packaging | Pick Kit Memo Package as per PPPD350-607-543 | 0.00 0.00 14 102 | | | | 1 | SL | 12/12/19 | SD |
| 140 *140* QC Quality Control | QC21- Final Inspection - Work Order Release Memo | 0.00 0.00 | | | | | | 12/12/20 | SD |

R 12-20-12

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------------------|--|---|---|----------------------|--|----------------|--------------|--|--|---|------------------------------------|------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--|----------------------------------|--|------------------------------------|--|--------------------------------|------------------------------------|------------------------------------|-----------------------------------|--|
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| Equip/Tooling <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operator <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Material <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Setup <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Process <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Supplier <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Training <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unapproved <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FAULT CATEGORY | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | | | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio | | | <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions | | | <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge | | <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other | | | | | | | | | | | | | | | | |

Picklist Print

November-30-12 10:11:03 AM

Page 1

Work Order ID: 94207

Parent Item: D350-607-543

Parent Item Name: Heli-Utility-Basket

Start Date: 11/30/12

Required Date: 12/14/12

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 10-08-19 AS PER REV.A DD VERF BY:EC IPP REV:B 12.03.06 AS PER
ECN12-535 DD VERF:EC IPP REV:C 12.07.24 AS PER ECN 12-610 DD VERF:EC

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| D350-607-511 Quick Release Basket Mounting Installation | | Manufactured | No | | | | Each | 4.0000 | | <u>43950</u> | <u>2.6</u> | | |

Location Loc Qty Loc Code

PK012 4
89955 1
90515 1
90702 1
90825 1

D350-607-511

Lanyard Assembly

Manufactured No Each 30.0000

Location Loc Qty Loc Code

GA 3
91957 3
ST014 27
90568 2
91642 1
92559 4
92739 6
92867 4
93401 10

D3912-041

Eyebolt Receiver Assembly

Manufactured No Each 3.0000

Location Loc Qty Loc Code

ST072 3
92631 2
92798 1

D4030-043

Long Basket Assembly, Light Lid (350)

Manufactured No Each 0.0000

92798

94222

12/12/11

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------------------|--|--------------------------------------|---|-------------------|--|-------------|--------------|--------------|--|--|------------------------------------|------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--|----------------------------------|--|------------------------------------|--|--------------------------------|------------------------------------|------------------------------------|-----------------------------------|--|
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| Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | |
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| Root Cause | Date | Step | Qty | Description of work order update or Non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector | | | | | | | | | | | | | | | | | | |
| Doc/Data <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Equip/Tooling <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operator <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Material <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Setup <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Process <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Supplier <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Training <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unapproved <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| FAULT CATEGORY | | | | |
|---|---|---|---|--|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio | <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions | <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other | |

Picklist Print

November-30-12 10:11:03 AM

Page 2

Work Order ID: 94207

Parent Item: D350-607-543

Start Date: 11/30/12

Required Date: 12/14/12

Parent Item Name: Heli-Utility-Basket

Start Qty: 1.00

Required Qty: 1.00

B4085-3

Placard, Instructions

Manufactured No

Each 12.0000

1 - JB



SMS

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| ST093 | 1 | |
| 87037 | 1 | |
| ST095 | 11 | |
| 87738 | 11 | |

87738

B4086-215

Placard, Max Load

Manufactured No

Each 12.0000

1 - JB



SMS

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| ST093 | 12 | |
| 87674 | 2 | |
| 90185 | 10 | |

90185

D4151-041

Basket Fwd Hardpoint Assembly, Lower

Manufactured No

Each 8.0000

1 - JB



SMS

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| ST101 | 8 | |
| 89111 | 5 | |
| 91839 | 2 | |
| 92138 | 1 | |

89111

D4151-043

Basket Fwd Hardpoint Assembly, Upper

Manufactured No

Each 9.0000

94207 - JB 12/12/11



SMS

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| ST101 | 9 | |
| 89381 | 8 | |
| 92741 | 1 | |

November-30-12 10:11:03 AM

Shop Packet Print

Page 2

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

| | | | | | | | | | | | |
|--|--------------------------|------|------|---|---|---|--------------------|-------------|--------------|--------------|--|
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| Material | <input type="checkbox"/> | | | | | | | | | | |
| Setup | <input type="checkbox"/> | | | | | | | | | | |
| Other | <input type="checkbox"/> | | | | | | | | | | |
| Process | <input type="checkbox"/> | | | | | | | | | | |
| Supplier | <input type="checkbox"/> | | | | | | | | | | |
| Training | <input type="checkbox"/> | | | | | | | | | | |
| Unapproved | <input type="checkbox"/> | | | | | | | | | | |

| FAULT CATEGORY | | | | | | | | | | | |
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Picklist Print

November-30-12 10:11:03 AM

Page 3

Work Order ID: 94207

Parent Item: D350-607-543

Parent Item Name: Heli-Utility-Basket

Start Date: 11/30/12

Required Date: 12/14/12

Start Qty: 1.00

Required Qty: 1.00

 041
Attachment Arm Assembly

Manufactured No

Each 15.0000

| <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|-----------------|----------------|-----------------|
| ST100 | 15 | |
| 89232 | 3 | |
| <u>90848</u> | 2 | |
| 92513 | 1 | |
| 92683 | 4 | |
| 93281 | 5 | |

Sms

90848

Bolt

Purchased No

Each 669.0000

| <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|-----------------|----------------|-----------------|
| FG | 20 | |
| 122808 | 20 | |
| GA | 1 | |
| 121652 | 1 | |
| Return2012 | 8 | |
| 122416 | 8 | |
| ST356 | 640 | |
| 120187 | 19 | |
| 120770 | 12 | |
| 122063 | 1 | |
| 122416 | 10 | |
| 122808 | 2 | |
| 122993 | 420 | |
| 123525 | 176 | |

Sms

123525

BOLT

Purchased No

Each 19.0000

| <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|-----------------|----------------|-----------------|
| ST357 | 19 | |
| 120124 | 1 | |
| 121146 | 1 | |
| 122808 | 17 | |

Sms

122808

November-30-12 10:11:03 AM

Shop Packet Print

Page 3

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

| | | | | | | | | | | | |
|--|-------------|-------------|---|---|--------------------------|---|------------------------|---------------------|---|--|--|
| Work Order: _____ Part No. _____ NCR No. _____ | | | | DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/> | | AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div> | | | | | |
| Root Cause | Date | Step | Qty | Description of work order update or Non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector | | |
| Doc/Data <input type="checkbox"/> | | | | | | | | | | | |
| Equip/Tooling <input type="checkbox"/> | | | | | | | | | | | |
| Operator <input type="checkbox"/> | | | | | | | | | | | |
| Material <input type="checkbox"/> | | | | | | | | | | | |
| Setup <input type="checkbox"/> | | | | | | | | | | | |
| Other <input type="checkbox"/> | | | | | | | | | | | |
| Process <input type="checkbox"/> | | | | | | | | | | | |
| Supplier <input type="checkbox"/> | | | | | | | | | | | |
| Training <input type="checkbox"/> | | | | | | | | | | | |
| Unapproved <input type="checkbox"/> | | | | | | | | | | | |
| FAULT CATEGORY | | | | | | | | | | | |
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | | | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio | | | <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions | | | <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other | | |

Picklist Print

November-30-12 10:11:03 AM

Page 4

Work Order ID: 94207

Parent Item: D350-607-543

Parent Item Name: Heli-Utility-Basket

Start Date: 11/30/12

Required Date: 12/14/12

Start Qty: 1.00

Required Qty: 1.00

Purchased

No

Each

95.0000

Nut

Location

Loc Qty

Loc Code

ST343

95

120360

1

121166

1

122800

13

122993

50

123831

30

122800

Purchased

No

Each

9.0000

MS17984-G413

PIN, QUICK RELEASE

Location

Loc Qty

Loc Code

ST331

9

114340

1

118612

2

123346

6

123901

Purchased

No

Each

4,165.0000

MS2104214

Nut

Location

Loc Qty

Loc Code

ST314

4165

119017

20

122452

184

123021

1461

123248

900

123355

1600

123021

Purchased

No

Each

223.0000

MS24665-151

Cotter Pin

Location

Loc Qty

Loc Code

ST323

223

122802

149

17566

74

122802

November-30-12 10:11:03 AM

Shop Packet Print

Page 4

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

| | | | | | | | | | | | |
|--|------|------|-----|---|-------------------|---|-------------|--------------|--------------|--|--|
| Work Order: _____ Part No. _____ NCR No. _____ | | | | DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/> | | AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div> | | | | | |
| Root Cause | Date | Step | Qty | Description of work order update or Non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector | | |
| Doc/Data | | | | | | | | | | | |
| Equip/Tooling | | | | | | | | | | | |
| Operator | | | | | | | | | | | |
| Material | | | | | | | | | | | |
| Setup | | | | | | | | | | | |
| Other | | | | | | | | | | | |
| Process | | | | | | | | | | | |
| Supplier | | | | | | | | | | | |
| Training | | | | | | | | | | | |
| Unapproved | | | | | | | | | | | |

| FAULT CATEGORY | | | | |
|---|---|---|---|--|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio | <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions | <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other | |

Picklist Print

November-30-12 10:11:03 AM

Page 5

Work Order ID: 94207

Parent Item: D350-607-543

Parent Item Name: Heli-Utility-Basket

Start Date: 11/30/12

Required Date: 12/14/12

Start Qty: 1.00

Required Qty: 1.00

WASHER

Purchased

No

Each

365.0000

Location

Loc Qty

Loc Code

FG

8

103691

8

ST298

357

118709

2

120390

105

123560

250

Purchased

No

Each

186.0000

Location

Loc Qty

Loc Code

ST295

186

121350

15

122151

13

123522

158

Purchased

No

Each

1,031.0000

Location

Loc Qty

Loc Code

ST292

1031

115358

1

117735

17

119097

413

123248

400

123355

200

Washer

Washer

2 ✓ JB

120390

12 ✓ JB

123522

3 ✓ JB

119097

12/12/11

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

| | | | | | | | | | | | |
|--|-------------|-------------|------------|---|--------------------------|---|------------------------|---------------------|---------------------|--|--|
| Work Order: _____ Part No. _____ NCR No. _____ | | | | DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/> | | AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div> | | | | | |
| Root Cause | Date | Step | Qty | Description of work order update or Non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector | | |
| Doc/Data <input type="checkbox"/> | | | | | | | | | | | |
| Equip/Tooling <input type="checkbox"/> | | | | | | | | | | | |
| Operator <input type="checkbox"/> | | | | | | | | | | | |
| Material <input type="checkbox"/> | | | | | | | | | | | |
| Setup <input type="checkbox"/> | | | | | | | | | | | |
| Other <input type="checkbox"/> | | | | | | | | | | | |
| Process <input type="checkbox"/> | | | | | | | | | | | |
| Supplier <input type="checkbox"/> | | | | | | | | | | | |
| Training <input type="checkbox"/> | | | | | | | | | | | |
| Unapproved <input type="checkbox"/> | | | | | | | | | | | |

| FAULT CATEGORY | | | | |
|---|---|---|--|---|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio | <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions | <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge | <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other |

4.0 WEIGHT AND BALANCE

| Installation | Weight | LATERAL | | LONGITUDINAL | |
|---|--------------------|-----------------------|-----------------------------|------------------|---------------------------|
| | | Arm | Moment | Arm | Moment |
| D350-607-541 (Standard Basket) | 80.7 lb 36.6 kg | ± 49.1 in ± 1.25 m | ± 3962 in-lb ± 45.8 m-kG | 135 in 3.43 m | 10895 in-lb 125.5 m-kG |
| D350-607-543 (Lightweight Basket) | 65.7 lb 29.8 kg | ± 49.1 in ± 1.25 m | ± 3226 in-lb ± 37.3 m-kG | 135 in 3.43 m | 8870 in-lb 102.2 m-kG |
| D350-607-545 (Standard Basket) | 58.7 lb 26.2 kg | ± 49.1 in ± 1.25 m | ± 2882 in-lb ± 32.8 m-kG | 135 in 3.43 m | 7925 in-lb 89.9 m-kG |
| D350-607-547 (Lightweight Basket) | 47.7 lb 21.6 kg | ± 49.1 in ± 1.25 m | ± 2342 in-lb ± 27.0 m-kG | 135 in 3.43 m | 6440 in-lb 74.1 m-kG |
| D350-607-511 (Quick Release Basket Mounting Kit) | 7.2 lb 3.3 kg | ± 36.9 in ± 0.94 m | ± 266 in-lb ± 3.1 m-kG | 135 in 3.43 m | 972 in-lb 11.3 m-kG |

5.0 PARTS LIST

| QTY -541 | QTY -543 | QTY -545 | QTY -547 | QTY -511 | QTY -501 | PART NUMBER | DESCRIPTION |
|-------------|-------------|-------------|-------------|-------------|-------------|---------------|-----------------------------------|
| X | | | | | | D350-607-541 | HELI-UTILITY-BASKET |
| | X | | | | | D350-607-543 | HELI-UTILITY-BASKET |
| | | X | | | | D350-607-545 | HELI-UTILITY-BASKET |
| | | | X | | | D350-607-547 | HELI-UTILITY-BASKET |
| 1 | | | | X | | D350-607-511 | QUICK RELEASE BASKET MOUNTING KIT |
| | | | | | X | D350-607-501 | CONVERSION KIT |
| 1 | | | | | 1 | D2690-6 | LANYARD |
| | | | | 4 | 4 | D3910-3 | X-TUBE LUG |
| 1 | | | | | 1 | D3912-041 | EYEBOLT RECEIVER ASSY |
| | | | | 8 | 8 | D3984-030 | RUBBER EXTRUSION, X-TUBE |
| 1 | | | | | | D4030-041 | LONG BASKET ASSY |
| | | | | | | D4030-043 | LONG BASKET ASSY, LIGHTWEIGHT |
| | | 1 | | | | D4032-041 | SHORT BASKET ASSY |
| | | | 1 | | | D4032-043 | SHORT BASKET ASSY, LIGHTWEIGHT |
| 1 | | | | | 1 | D4085-3 | PLACARD INSTRUCTIONS |
| 1 | | | | | 1 | D4086-200 | PLACARD, MAX LOAD |
| | | | | | 1 | D4086-215 | PLACARD, MAX LOAD |
| | | 1 | | | 1 | D4086-220 | PLACARD, MAX LOAD |
| | | | 1 | | 1 | D4086-232 | PLACARD, MAX LOAD |
| | | | | 1 | 1 | D4148-041 | FWD X-TUBE LUG ASSY |
| | | | | 1 | 1 | D4149-041 | AFT X-TUBE LUG ASSY |
| 1 | | | | | 1 | D4150-041 | ATTACHMENT ARM ASSY |
| 1 | | | | | 1 | D4151-041 | BASKET FWD HARDPOINT ASSY (LOWER) |
| 1 | | | | | 1 | D4151-043 | BASKET FWD HARDPOINT ASSY (UPPER) |
| 6 | | | | | 6 | AN4-13A | BOLT |
| | | | | 16 | 16 | AN4-14A | BOLT |
| 1 | | | | | 1 | AN4C15 | BOLT |
| 1 | | | | | 1 | AN310C4 | CASTELLATED NUT |
| 1 | | | | | 1 | MS17984-C413 | QUICK RELEASE PIN |
| 6 | | | | 16 | 22 | MS21042L4 | NUT (OR MS21042-4) |
| 1 | | | | | 1 | MS24665-151 | COTTER PIN |
| 2 | | | | | 2 | NAS1515H4L | WASHER |
| 12 | | | | 32 | 44 | NAS1149F0432P | WASHER |
| 3 | | | | | 3 | NAS1149C0463R | WASHER |

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Revision: A

Date: 10.06.28